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New Fast Acting Subminiature Fuse from Littelfuse Protects Against Overcurrent Conditions

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CHICAGO, January 15, 2013 - Littelfuse, Inc., the global leader in circuit protection, has introduced the 808 Series TE5® Fast Acting Subminiature Fuse. This 250VAC/450VDC-rated fuse is designed to protect components or internal circuits against overcurrent conditions, particularly in high voltage DC applications, such as DC power supplies. Its high interrupt rating/breaking capacity (up to 10kA@450VDC) ensures it will open safely under high fault currents. Applications include DC/DC converters, transformer-less AC/DC circuits, DC power supplies, adaptors, datacenters, and telecom/datacom central offices.

"Until now, the range of options of DC-rated fuses for high voltage applications like DC power supplies has been very limited," said Roger Huang, Littelfuse Global Product Manager for the 800 Series TE5 product line. "This low-profile, subminiature fuse complements our existing DC-rated cartridge fuse offerings in a small footprint format. With more choices of DC-rated fuses available, circuit designers will have the greater freedom they need to develop energy-efficient DC designs."

The 808 Series TE5® Fast Acting Subminiature Fuse offers these key features and benefits:

Features

- High voltage/interrupt rating in a very compact size.
- High operating temperature range from -65°C to 125°C.
- 100% RoHS compliant, halogen-free and lead-free.
- UL agency approval.

Benefits

- Saves printed circuit board space with its very small footprint.
- Supports high voltage DC power architectures for state-of-the-art, high efficiency datacenters.
- High interrupting capacity allows protection of high wattage power supply architectures driving next-generation, efficient datacenters.
- High reliability design and wide operating temperature range support demanding mission-critical power systems.

For More Information

If you have questions or require technical support, please contact the Littelfuse technical support hotline at 1-800-999-9445. For circuit protection application design ideas, please visit the Application Design Center section of the Littelfuse website.

Availability

The 800 Series TE5 Fuse is available in quantities of 1,000 in tape and ammopack, short lead, and 7.5mm pitch packaging. Samples are available now for bulk orders; sample requests can be placed through authorized Littelfuse distributors worldwide. For a listing of Littelfuse distributors, please visit Littelfuse.com.

Technical Contact

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About Littelfuse
Founded in 1927, Littelfuse, Inc., the worldwide leader in circuit protection, offers the industry's broadest and deepest portfolio of circuit protection products and solutions. Littelfuse devices protect products in virtually every market that uses electrical energy, from consumer electronics to automobiles to industrial equipment. In addition to its Chicago, Illinois, world headquarters, Littelfuse has more than 30 sales, distribution, manufacturing and engineering facilities in the Americas, Europe and Asia. Technologies offered by Littelfuse include Fuses; Gas Discharge Tubes (GDTs); Positive Temperature Coefficient Devices (PTCs); PulseGuard® ESD Suppressors; SIDACtor® Devices; Silicon Protection Arrays (SPA®); Switching Thyristors; TVS Diodes and Varistors. The company also offers a comprehensive line of highly reliable Electromechanical and Electronic Switch and Control Devices for commercial and specialty vehicles and Sensors for automobile safety systems, as well as Protection Relays and underground Power Distribution Centers for the safe control and distribution of electricity.

For more information, please visit the Littelfuse website: littelfuse.com.

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